

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM042421\  
 Data File : BM029643.D  
 Acq On : 24 Apr 2021 18:31  
 Operator : CG/JU  
 Sample : M2149-10  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-39-0-2.0

Quant Time: Apr 26 03:07:28 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 22 15:55:11 2021  
 Response via : Initial Calibration

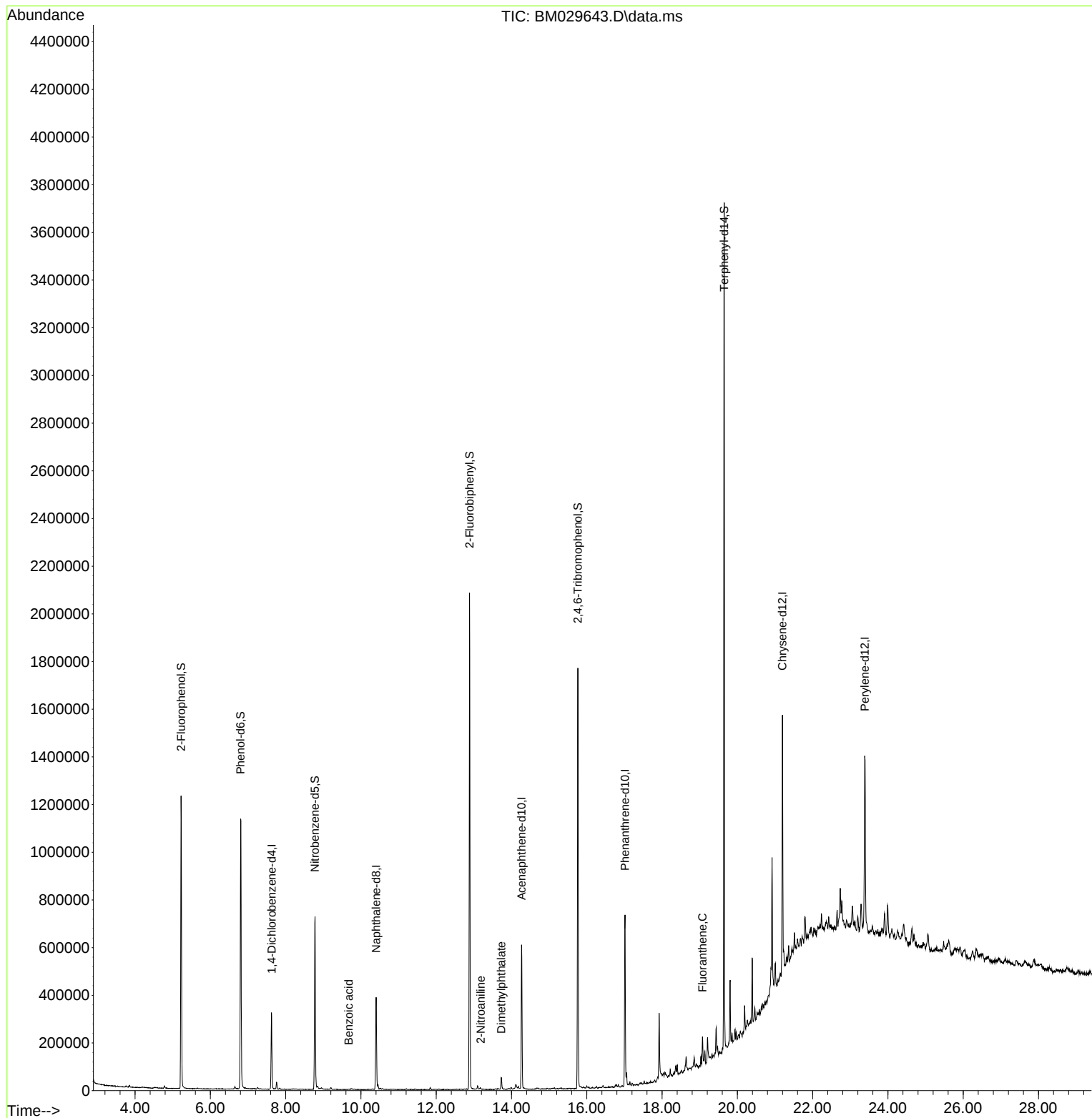
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.628  | 152  | 86985    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.404 | 136  | 306699   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.268 | 164  | 198460   | 20.00  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.015 | 188  | 435397   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.197 | 240  | 472546   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 23.385 | 264  | 495958   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.222  | 112  | 484001   | 111.55 | ng    | 0.00     |
| 7) Phenol-d6                | 6.804  | 99   | 615641   | 95.00  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.781  | 82   | 419616   | 70.47  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.762 | 330  | 301013   | 109.67 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 12.886 | 172  | 1069080  | 73.11  | ng    | -0.01    |
| 79) Terphenyl-d14           | 19.650 | 244  | 1569261  | 62.96  | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 32) Benzoic acid            | 9.675  | 122  | 499      | 7.34   | ng    | # 60     |
| 48) 2-Nitroaniline          | 13.180 | 65   | 118      | 2.89   | ng    | # 4      |
| 50) Dimethylphthalate       | 13.733 | 163  | 33310    | 2.22   | ng    | # 95     |
| 75) Fluoranthene            | 19.074 | 202  | 65299    | 2.15   | ng    | 99       |
| -----                       |        |      |          |        |       |          |

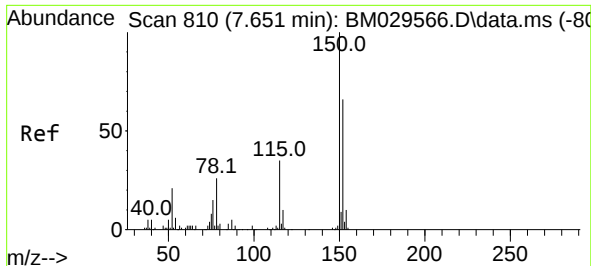
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM042121.M  
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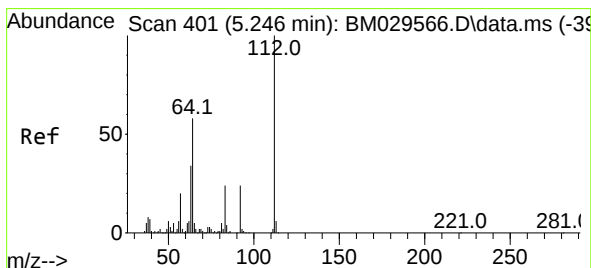
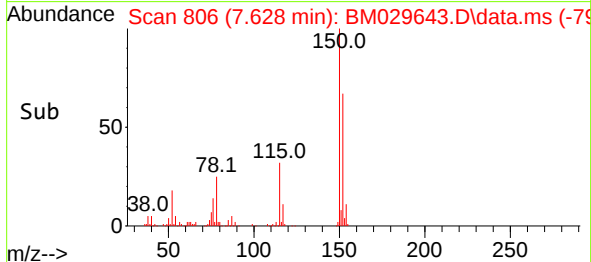
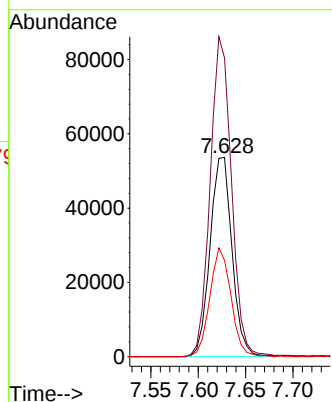
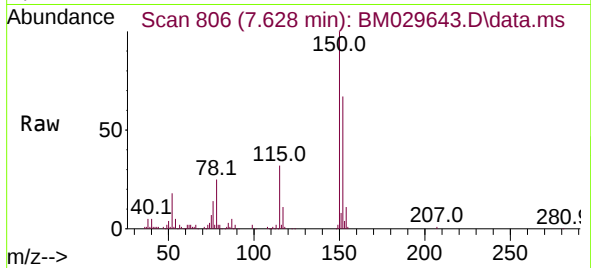




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.628 min Scan# 806  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

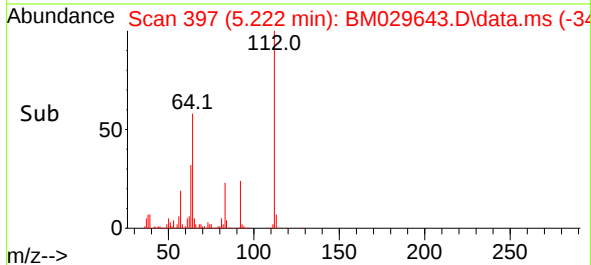
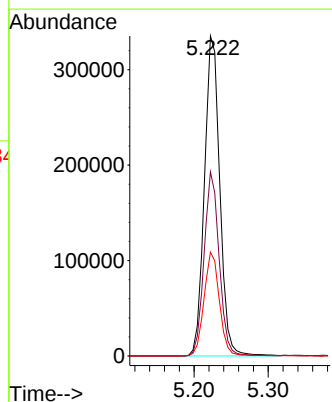
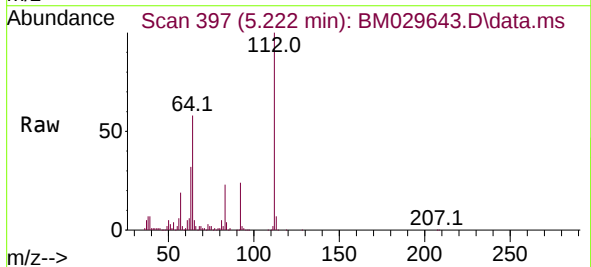
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BNA\_M  
ClientSampleId :  
SB-39-0-2.0

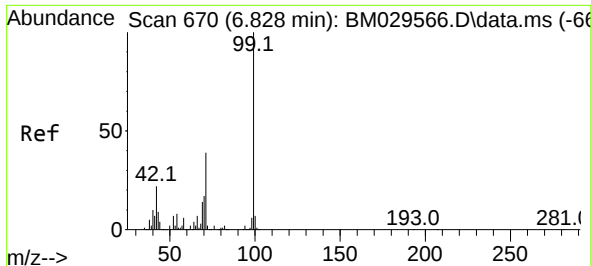
Tgt Ion:152 Resp: 86985  
Ion Ratio Lower Upper  
152 100  
150 150.0 125.9 188.9  
115 48.4 44.6 67.0



#5  
2-Fluorophenol  
Concen: 111.55 ng  
RT: 5.222 min Scan# 397  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

Tgt Ion:112 Resp: 484001  
Ion Ratio Lower Upper  
112 100  
64 57.6 47.1 70.7  
63 32.4 27.3 40.9

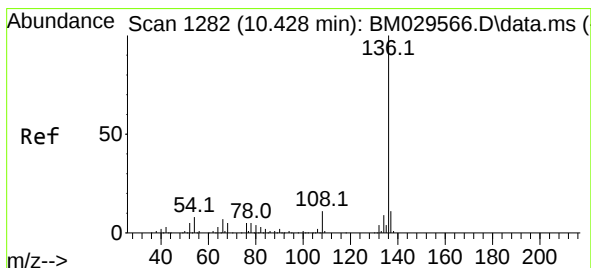
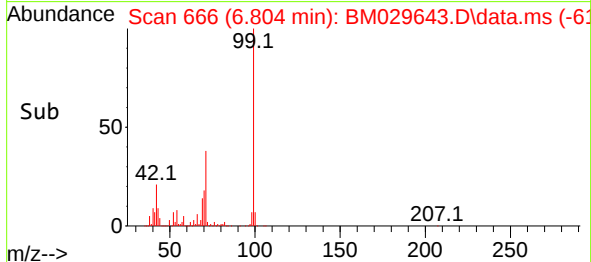
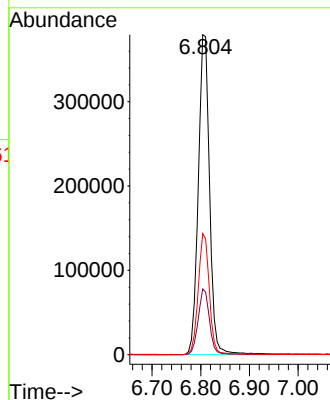
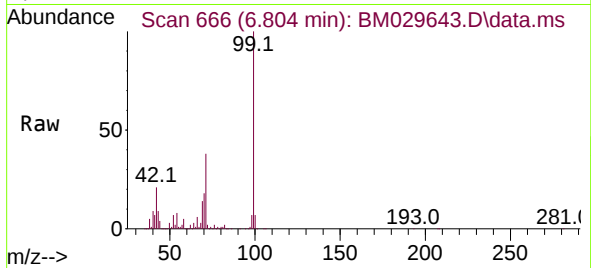




#7  
Phenol-d6  
Concen: 95.00 ng  
RT: 6.804 min Scan# 666  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

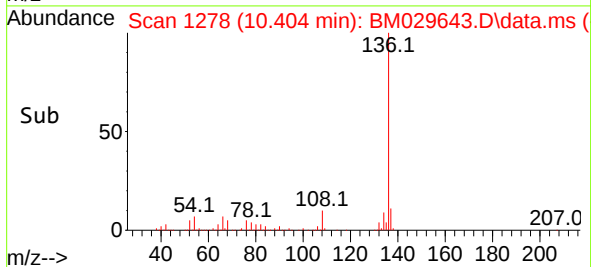
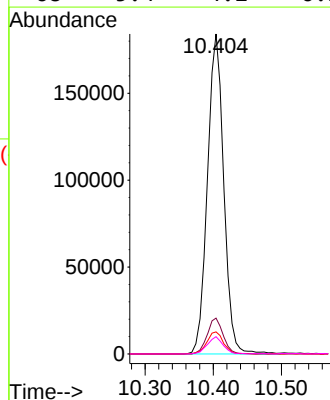
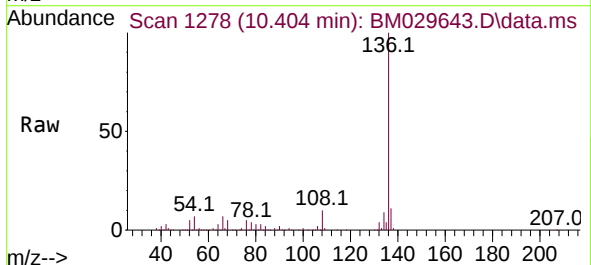
Instrument :  
BNA\_M  
ClientSampleId :  
SB-39-0-2.0

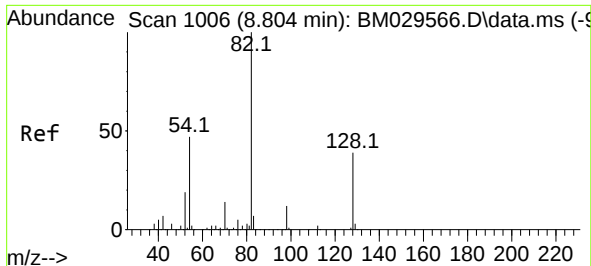
Tgt Ion: 99 Resp: 615641  
Ion Ratio Lower Upper  
99 100  
42 20.6 18.0 27.0  
71 37.9 30.9 46.3



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.404 min Scan# 1278  
Delta R.T. -0.012 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

Tgt Ion: 136 Resp: 306699  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 6.9 5.5 8.3  
68 5.4 4.2 6.2

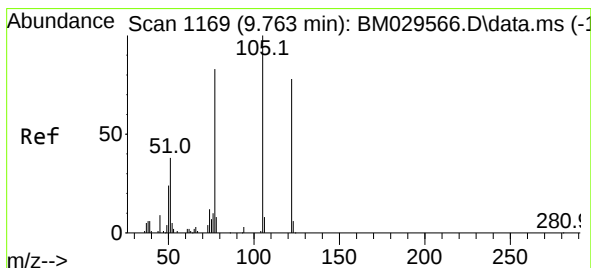
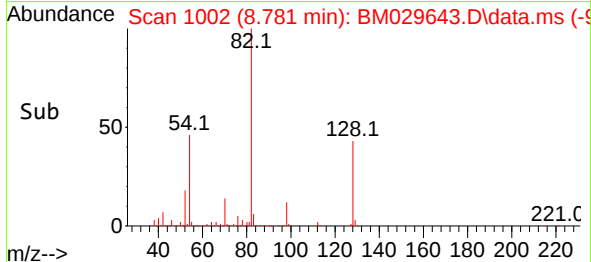
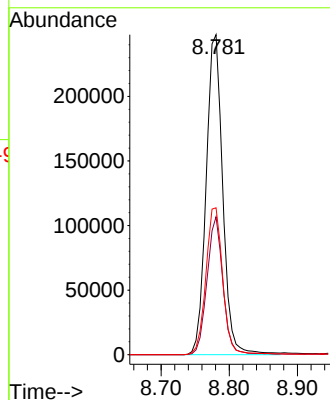
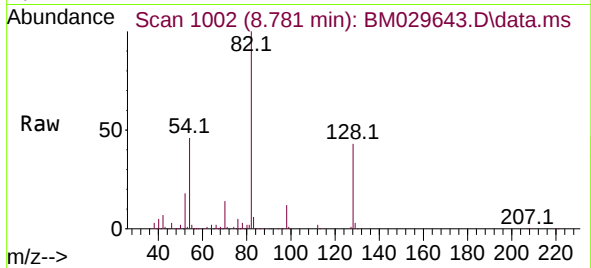




#23  
Nitrobenzene-d5  
Concen: 70.47 ng  
RT: 8.781 min Scan# 1002  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

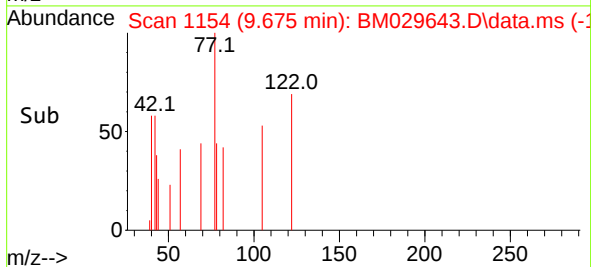
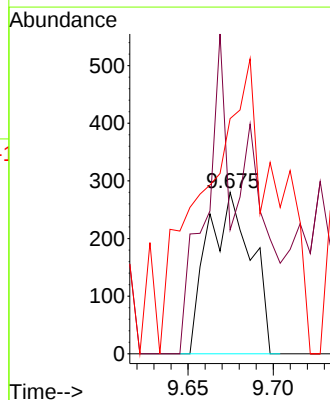
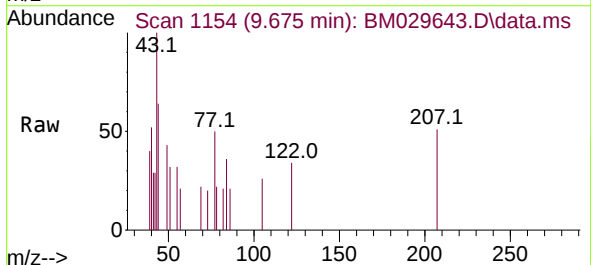
Instrument :  
BNA\_M  
ClientSampleId :  
SB-39-0-2.0

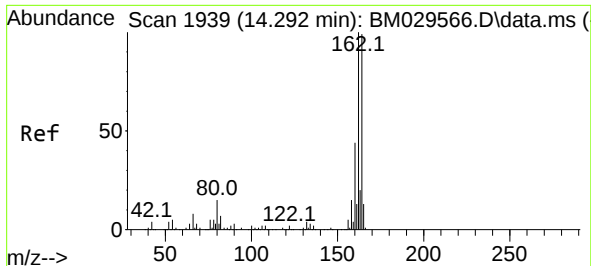
Tgt Ion: 82 Resp: 419616  
Ion Ratio Lower Upper  
82 100  
128 43.1 31.1 46.7  
54 45.9 37.3 55.9



#32  
Benzoic acid  
Concen: 7.34 ng  
RT: 9.675 min Scan# 1154  
Delta R.T. -0.071 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

Tgt Ion: 122 Resp: 499  
Ion Ratio Lower Upper  
122 100  
105 76.8 107.3 147.3#  
77 145.7 88.0 128.0#

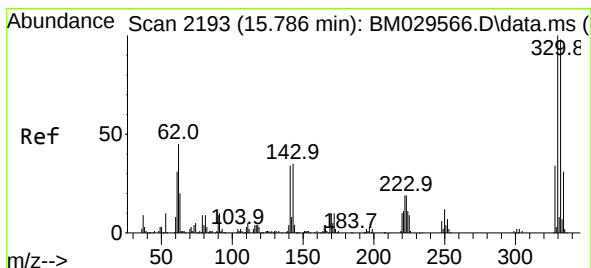
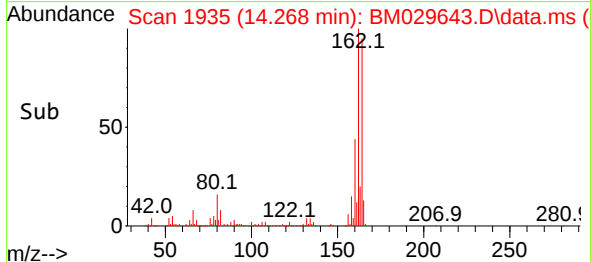
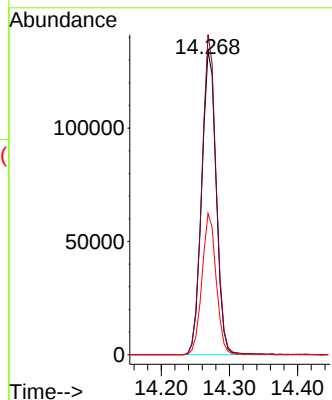
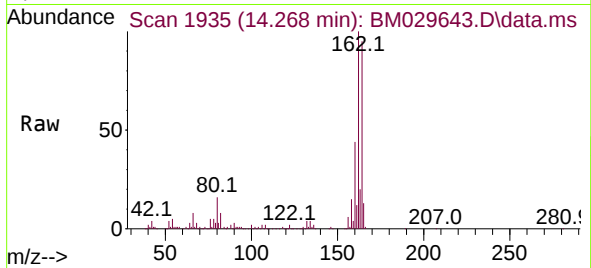




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.268 min Scan# 1935  
Delta R.T. -0.012 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

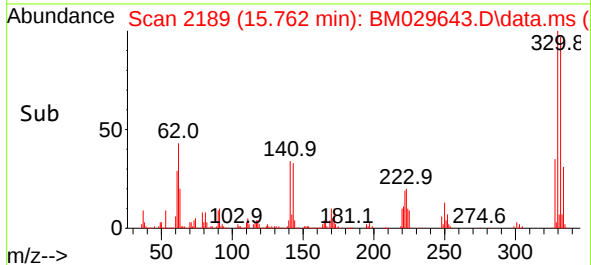
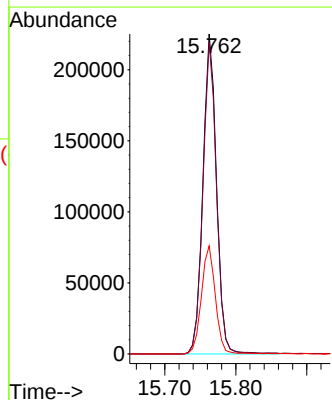
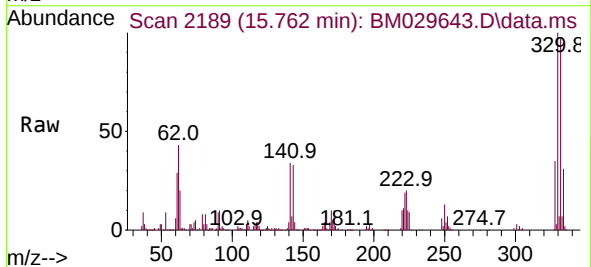
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SB-39-0-2.0

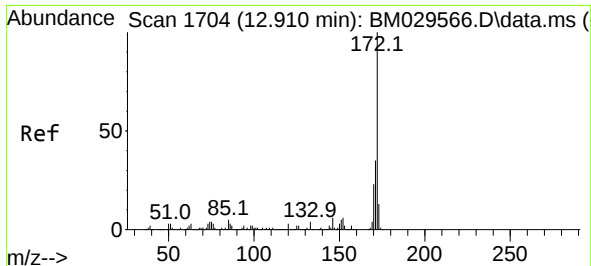
Tgt Ion:164 Resp: 198460  
Ion Ratio Lower Upper  
164 100  
162 105.3 83.4 125.0  
160 46.5 37.2 55.8



#42  
2,4,6-Tribromophenol  
Concen: 109.67 ng  
RT: 15.762 min Scan# 2189  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

Tgt Ion:330 Resp: 301013  
Ion Ratio Lower Upper  
330 100  
332 96.3 77.0 115.4  
141 34.7 30.2 45.2

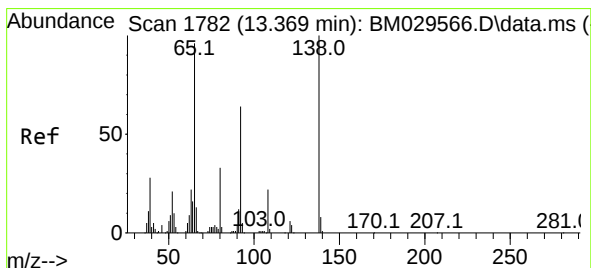
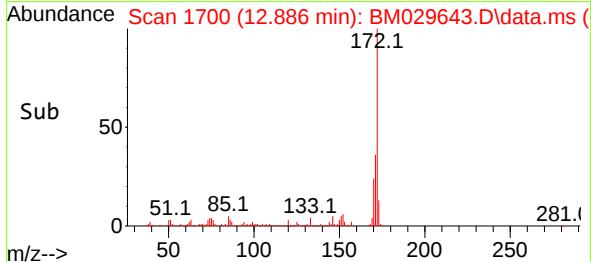
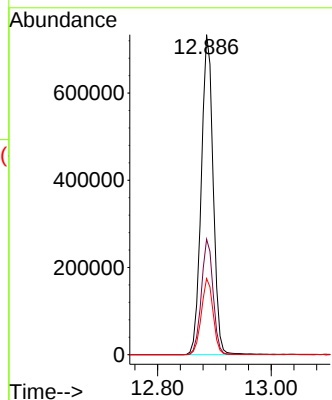
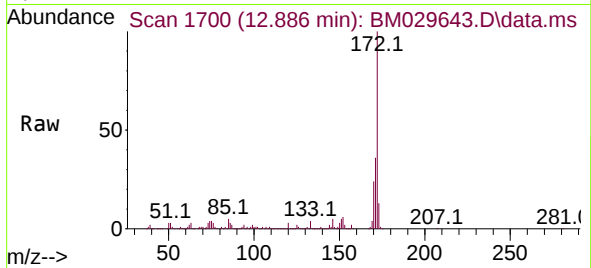




#45  
2-Fluorobiphenyl  
Concen: 73.11 ng  
RT: 12.886 min Scan# 1700  
Delta R.T. -0.012 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

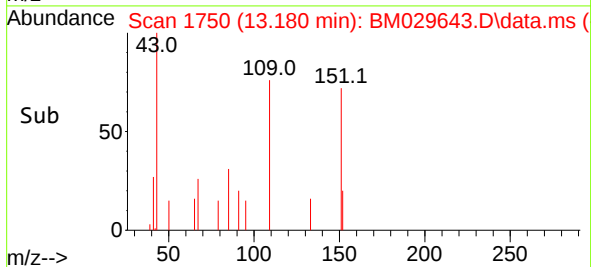
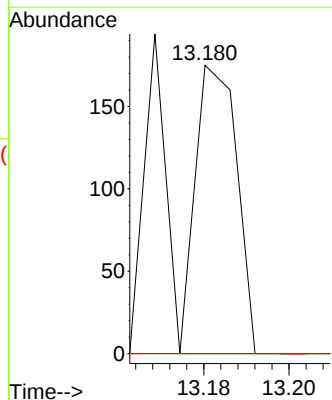
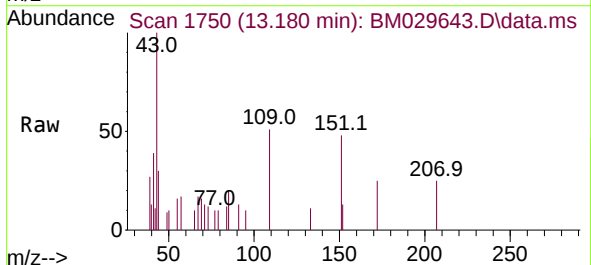
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SB-39-0-2.0

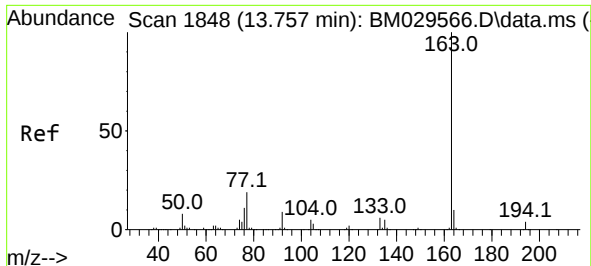
Tgt Ion:172 Resp: 1069080  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.6 43.0  
170 23.8 18.4 27.6



#48  
2-Nitroaniline  
Concen: 2.89 ng  
RT: 13.180 min Scan# 1750  
Delta R.T. -0.177 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

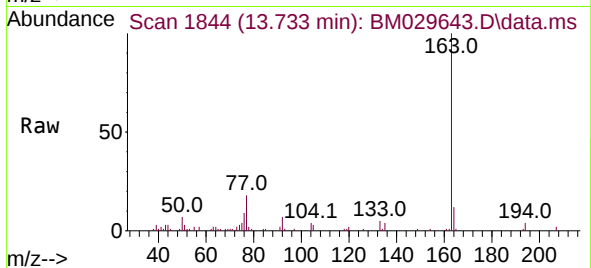
Tgt Ion: 65 Resp: 118  
Ion Ratio Lower Upper  
65 100  
92 0.0 55.5 83.3#  
138 0.0 85.7 128.5#



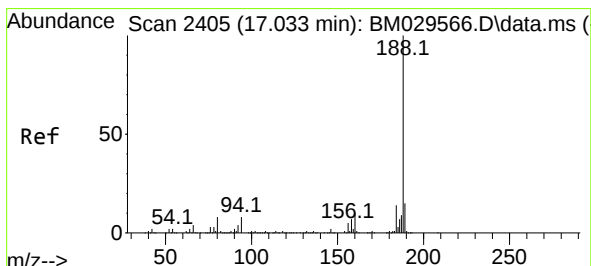
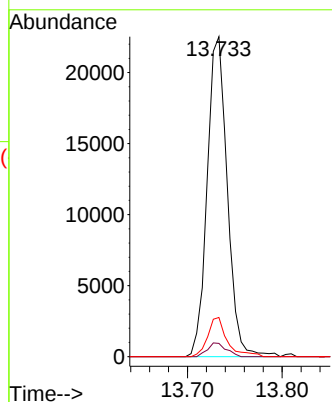
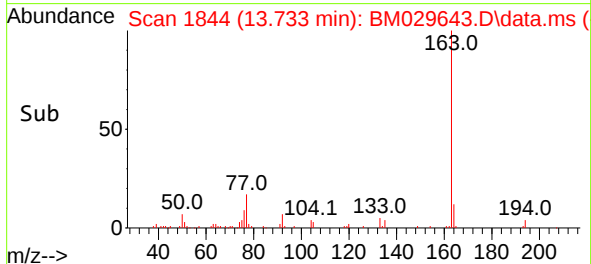


#50  
Dimethylphthalate  
Concen: 2.22 ng  
RT: 13.733 min Scan# 1844  
Delta R.T. -0.012 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

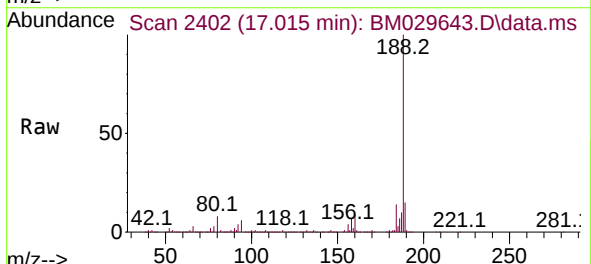
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ClientSampleId :  
SB-39-0-2.0



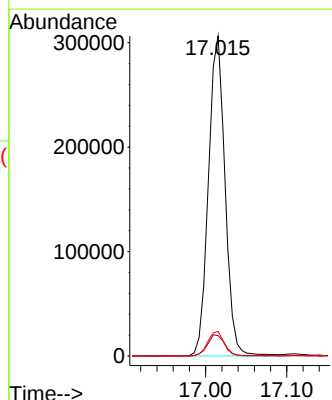
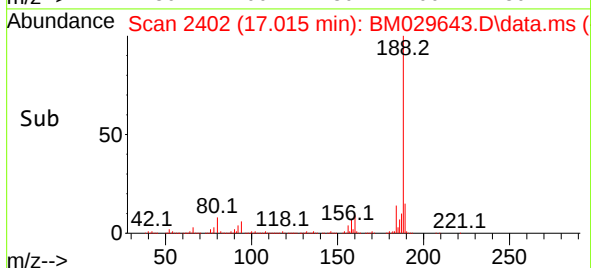
Tgt Ion:163 Resp: 33310  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 12.3 7.9 11.9#

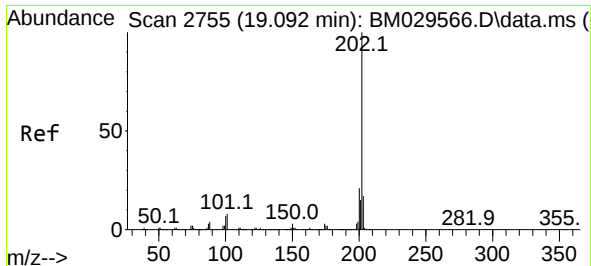


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.015 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31



Tgt Ion:188 Resp: 435397  
Ion Ratio Lower Upper  
188 100  
94 6.4 6.0 9.0  
80 7.7 6.6 9.8

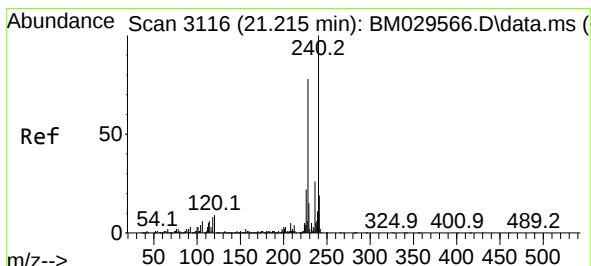
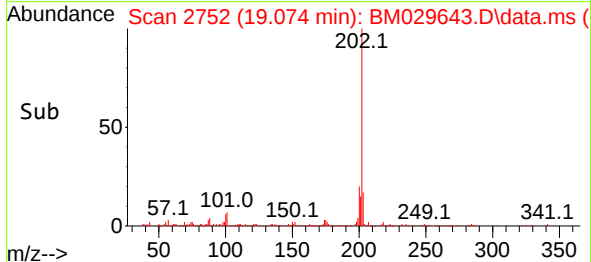
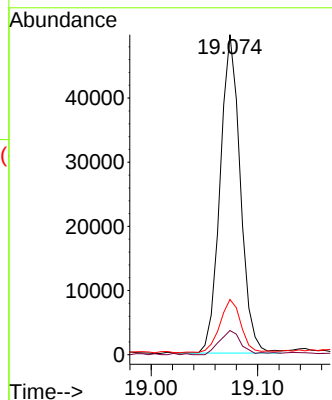
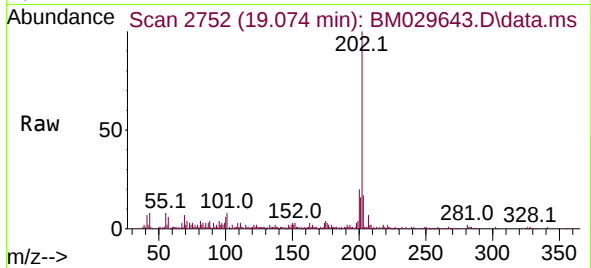




#75  
Fluoranthene  
Concen: 2.15 ng  
RT: 19.074 min Scan# 2752  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

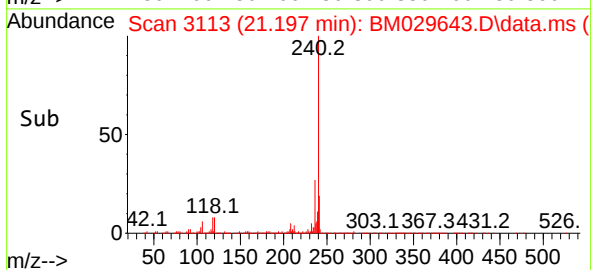
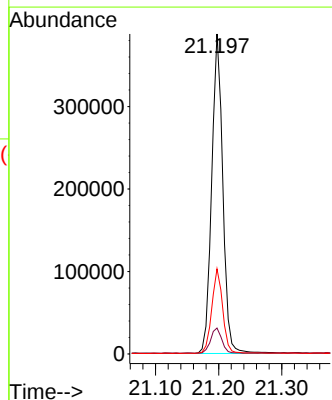
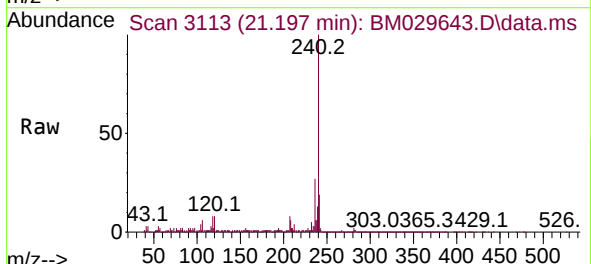
Instrument :  
BNA\_M  
ClientSampleId :  
SB-39-0-2.0

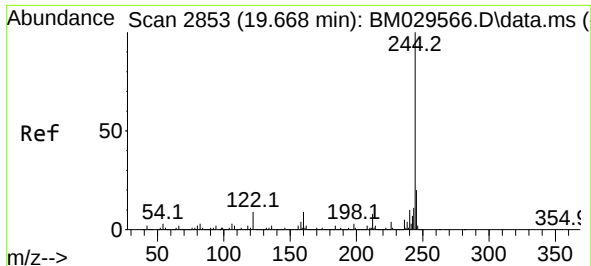
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:202 | Resp: | 65299    |
| Ion Ratio   | Lower | Upper    |
| 202         | 100   |          |
| 101         | 7.6   | 0.0 28.6 |
| 203         | 17.2  | 0.0 37.3 |



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.197 min Scan# 3113  
Delta R.T. -0.006 min  
Lab File: BM029643.D  
Acq: 24 Apr 2021 18:31

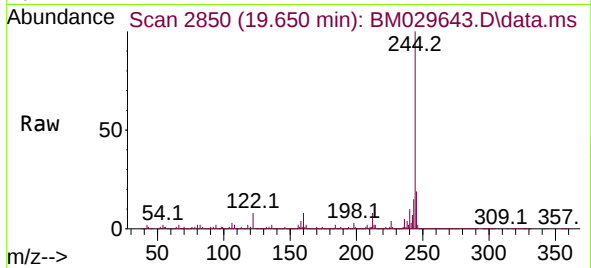
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 472546    |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 8.1   | 7.0 10.6  |
| 236         | 26.6  | 21.0 31.4 |





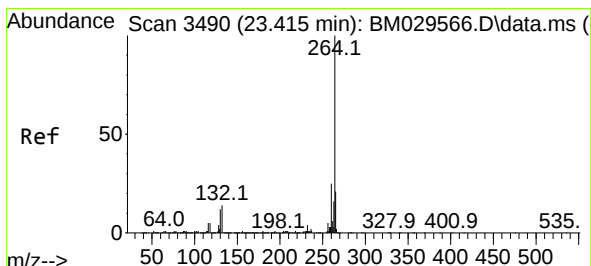
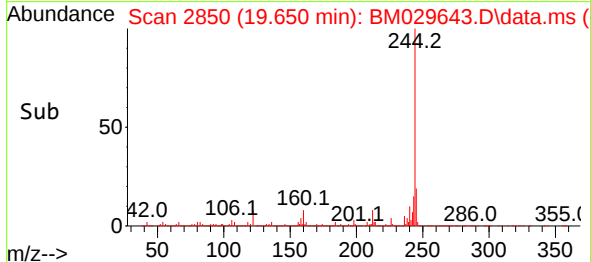
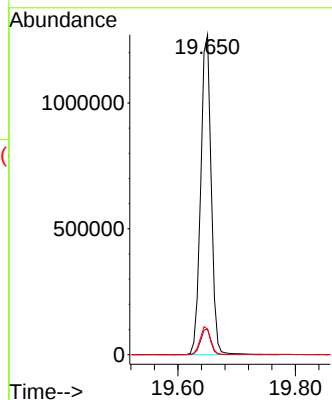
#79  
 Terphenyl-d14  
 Concen: 62.96 ng  
 RT: 19.650 min Scan# 2850  
 Delta R.T. -0.006 min  
 Lab File: BM029643.D  
 Acq: 24 Apr 2021 18:31

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SB-39-0-2.0



Tgt Ion:244 Resp: 1569261

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.0   | 6.3   | 9.5   |
| 122 | 8.0   | 6.9   | 10.3  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.385 min Scan# 3485  
 Delta R.T. -0.006 min  
 Lab File: BM029643.D  
 Acq: 24 Apr 2021 18:31

Tgt Ion:264 Resp: 495958

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.3  | 19.8  | 29.8  |
| 265 | 22.4  | 17.7  | 26.5  |

